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NOTICE OF ALLOWANCE AND FEE(S) DUE

20529

7590

12/19/2006

NATH & ASSOCIATES 112 South West Street Alexandria, VA 22314 EXAMINER

VORTMAN, ANATOLY

ART.UNIT PAPER NUMBER

ART.UNIT

DATE MAILED: 12/19/2006

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|-----------------|-------------|----------------------|---------------------|------------------|
| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
| 10/724.891 | 12/02/2003 | Chung-Ju Wu | 82547 | 2424 |

TITLE OF INVENTION: BALL GRID ARRAY PACKAGE WITH HEAT SINK DEVICE

| 1 | APPLN. TYPE | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|---|----------------|--------------|---------------|---------------------|----------------------|------------------|------------|
| | nonprovisional | NO | \$1400 | \$300 | \$0 | \$1700 | 03/19/2007 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
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If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
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- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE Commissioner for Patents

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| NATH & ASS | OCIATES | | I I | nereby certify that th | his Fee(s) Transmittal is being | g deposited with the United st class mail in an envelope above, or being facsimile date indicated below. |
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| Alexandria, VA | 22314 | | tr | insmitted to the USP | TO (571) 273-2885, on the | date indicated below. |
| | | • | | | | (Depositor's name) |
| • | | | | • | | (Signature) |
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| VORTMAN | , ANATOLY | 2835 | 361-697000 | | | |
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| PLEASE NOTE: Un | less an assignee is ident | ified below, no assignee | data will appear on the | patent. If an assign | nee is identified below, the | document has been filed for |
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| a. Applicant clain | ns SMALL ENTITY stat | us. See 37 CFR 1.27. | | | ALL ENTITY status. See 37 | |
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| an application. Confider submitting the complete this form and/or sugges: Box 1450, Alexandria, 'Alexandria, 'Alexandria, 'Irrinia 22 | ntiality is governed by 33 and application form to the tions for reducing this but by the print a 22313-1450. Do 313-1450. | S U.S.C. 122 and 37 CFR e USPTO. Time will var irden, should be sent to to O NOT SEND FEES OR | y depending upon the in the Chief Information Of COMPLETED FORMS | dividual case. Any officer, U.S. Patent and TO THIS ADDRES | comments on the amount of d Trademark Office, U.S. Do SS. SEND TO: Commissione | nd by the USPTO to process) ing gathering, preparing, and time you require to complete partment of Commerce, P.O. r for Patents, P.O. Box 1450, |
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| | | | | ART UNIT | PAPER NUMBER | | |
| Alexandria, VA | 22314 | | | 2835 | | | |
| | | | | DATE MAILED: 12/19/200 | 6 | | |

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 187 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 187 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.